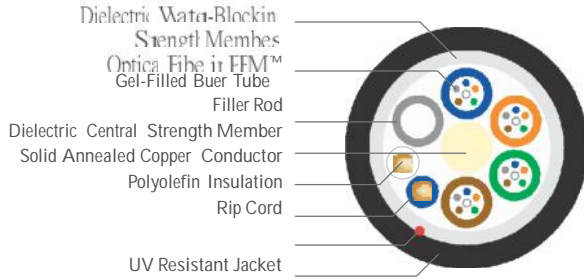


Composite Round CF

Series L



Product Description

Series L Cables combine the attributes of optical fiber and copper technologies in a single cable. Designed for Outside Plant (OSP) applications, these cables improve network flexibility by addressing the need to transmit electrical power while providing virtually unlimited bandwidth to the subscriber. Labor savings are also realized making this product ideal for various projects.

Features

- Fiber tubes and copper pairs in one jacket
- Wide range of copper and fiber counts
- Single mode, multimode and hybrid designs
- Copper twisted pairs
- Various cable designs
- PFM™ gel

Benefits

- Reduced material cost and significant installation savings
- Sizes available for large and small projects
- Multiple network applications
- Capable of voice transmission, cable location and site powering
- Multiple applications
- Non-sticky gel reduces installation time and labor cost

Specifications

Construction	Loose tube, single jacket
Standards Compliance	Copper and fiber cables meet applicable Telcordia and RDUP specifications RoHS-compliant

Note

- Special cable lengths are available upon request
- Please contact your Superior Essex sales professional with your application requirements

Electrical Specifications

Conductor Size AWG (mm)	Conductor DC Resistance @ 68°F	Resistance Unbalance Maximum Individual Pair %	Dielectric Strength DC Potential – Volts		Maximum Amperage/ Conductor
	Maximum Individual Ohms/mile (Ohms/km)		Minimum Conductor to Conductor	Maximum Voltage	
22 (0.64)	91.0 (56.6)	5.0	5,000	150 vDC	1.0 A

Part Numbers and Physical Characteristics

Part Number	Copper Pair Count	Fiber Count	Fiber Type	Optional Shield	Filling Compound	Length Marking	Nominal Diameter in (mm)	Approx. Weight lbs/kft (kg/km)	Maximum Tensile Load	
									Install lbs (N)	Long Term lbs (N)
111024C02Q	1	24	RWP SMF	-	Dry	Feet	0.43 (10.85)	58 (86)	600 (2,700)	200 (890)
111024D01Q	2	24	RWP SMF	-	Flood	Meters	0.43 (10.85)	69 (103)	600 (2,700)	200 (890)
112024D01Q	6	24	RWP SMF	Single Armor	Dry	Feet	0.60 (16.05)	156 (232)	600 (2,700)	200 (890)
112024D02Q	2	24	RWP SMF	Single Armor	Flood	Meters	0.48 (12.20)	107 (160)	600 (2,700)	200 (890)

Part number listed are RWP single mode optical fiber only. Other fiber types are available. See the "Optical Fiber Selection Chart" in the "Technical Information" section for detailed fiber type specifications.